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MISSISSIPPI STATE DEPARTMENT OF HEALTH

2020 CERTIFICATION

Consumer Confidence Report (CCR)

Town of Burnsville

Public Water System Name

0710002

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR.

CCR DISTRIBUTION *(Check all boxes that apply.)*

INDIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ Advertisement in local paper *(Attach copy of advertisement)*	06 24 2021
☐ On water bills *(Attach copy of bill)*	
☐ Email message *(Email the message to the address below)*	
☐ Other _____	
DIRECT DELIVERY METHOD *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ Distributed via U. S. Postal Mail	
☐ Distributed via E-Mail as a URL *(Provide Direct URL):* _____	
☐ Distributed via E-Mail as an attachment	
☐ Distributed via E-Mail as text within the body of email message	
☑ Published in local newspaper (attach copy of published CCR or proof of publication)	06 24 2021
☐ Posted in public places (attach list of locations)	
☐ Posted online at the following address *(Provide Direct URL):* _____	

CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply.

Tracy Booker — Name

City Clerk — Title

06 24 21 — Date

SUBMISSION OPTIONS *(Select one method ONLY)*

You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576-7800 (NOT PREFERRED)

CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021

2020 Annual Drinking Water Quality Report
Town of Burnsville
PWS#: 0710002
July 2021

This year's Consumer Confidence Report is being published in the local newspaper instead of being mailed or posted electronically.

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Paleozoic Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of Burnsville have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Ken Briggs or David Nixon at (662) 427-9526. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 7:00 PM at the Burnsville City Hall.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								

1040 Nitrate 1041 Nitrate 1038 Nitrate	N	2020	0.08 0.02 0.1	No Range	ppm		10ppm 1ppm 10ppm	Nitrates are most commonly found in fertilizer.
Cyanide	N	2019*	0.015	No Range	ppm		0.2ppm	Cyanide is most commonly found in metals and is present in drinking water from leaching of iron and manganese minerals in the water.
Barium	N	2019*	0.0489	NR	ppm		2ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium, Total	N	2019*	0.0005	NR	ppm		0.004ppm	The most likely cause is weathering of rocks and soils containing beryllium.
Chromium	N	2019*	0.0005	NR	ppm		0.1ppm	Discharge from steel and pulp mills; erosion of natural deposits
Antimony	N	2019*	0.0005	NR	ppm		0.006ppm	A metal that is present naturally in small quantities in water, rocks, and soils.
Arsenic	N	2019*	0.0005	NR	ppm		0.010ppm	Arsenic can enter the water supply from natural deposits in the earth or from industrial and agricultural pollution.
Cadmium	N	2019*	0.0005	NR	ppm		0.005ppm	Naturally in zinc, lead, copper and other ores which can serve as sources to ground waters.
Mercury	N	2019*	0.0005	NR	ppm		0.002ppm	It can leak into underground water supplies from industrial and hazardous waste sites. If improperly disposed household products and paint can reach well water supplies by leaching.
Selenium	N	2019*	0.0005	NR	ppm		0.05ppm	The major sources of selenium in drinking water are discharge from petroleum and metal refineries, erosion of natural deposits, and discharge from mines.
Thallium, Total	N	2019*	0.0005	NR	ppm		0.002ppm	Industrial or wastewater discharges, this could include discharges from some oil and gas operations. Air and dust near certain industrial facilities that can release thallium, such as cement plants and steel
Fluoride	N	2019*	0.219	0.7 – 1.3ppm	ppm		4ppm	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Copper	N	2020	0.7	NR	ppm		1.3ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	2020	0.001	NR	ppm		0.015ppm	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	2800	NR	ppb		250000 ppb	Likely source of contamination is road salt, water treatment chemicals, water softeners, and sewage effluents.
Disinfection By-Products								
HAA5 Haloacetic Acids	N	2020	6.0	NR	ppb		60ppb	By-Product of drinking water disinfection.
TTHM Trihalomethanes	N	2020	2.48	NR	ppb		80ppb	By-product of drinking water chlorination.
Chlorine	N	2020	Your Water 1.60	0.00 – 2.30 Mg/L	MG/L		MRDL 4.0MG/L	Water additive used to control microbes

**Most recent sample. No sample required for 2020.*

As you can see by the table, our system had no violations, and we are proud that your drinking water meets or exceeds all Federal and State requirements as this was also reflected in our capacity assessment inspection for which we received a 4.7 out of a 5.0 rating for 2020. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now

notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in Drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7518 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Town of Burnsville works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

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greeted everyone. learned that we meet at the Farmn Iuka, all have ogether. Another

en we all arrived as Gloria Stolsready there with ng taken care of the tip. So kind expected. Thank

en I got home my inute nap was ind by another surman Hill, Jr. and ary Kay, daughitney and his first n, Stetson came. ad borrowed him s parents to bring me to see. He was e, just beginning to had been a great me. In fact every special day and a from our wonderor, our Lord and Jesus Christ. He pital she has been a blessing to send me humorous clippings regularly. I get a good laugh from each one.

Remember a good hearty laugh is better than a dose of medicine. Biblical! There is an old proverb that goes like this: "The most wasted of all days are the days when we haven't laughed." So thank you Mary for being joy-giver and taking time to share.

Next week I'll get back to the history of Tishomingo. This day of surprises was just too good to not share. I hope yours was as good or better. God is so good. He's so good to me.

Correction from last week: It was my sister Jewel who had beautiful curly hair – mine was "as straight as a board" and that's why I was getting permanent wave.

Laxson Reunion

Thursday, June 24th 6:30 p.m. Farmhouse Restaurant – Iuka. Friday, June 25th 6 p.m. Potluck- Meeting Room JP Coleman, Business Meeting immediately before). Saturday June 26th 6 p.m. Hotdogs and Hamburgers Meeting room JP Cole-

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luck- Meeting Room JP Coleman, Business Meeting immediately before). Saturday June 26th 6 p.m. Hotdogs and Hamburgers Meeting room JP Coleman (Every Family bring a side, dessert, and drink.) We do have the meeting room reserved from Friday morning until Saturday night at 10 p.m. Families are welcome to bring games and enjoy the AC! RSVP number in party for Farmhouse, Call/Text Jessika 901-451-4649 or reply on FB.

Henson; Marissa Henson; Lilly Ewing; Bentley
visor Jeff Holt; Anna Karen Marino; Wanda
erry Don Keith; Mike Kemp, Tishomingo Chief
ıyson; Moe Said, Owner; Marsha Roberson;
; Sam Said; Warthana Said; Chelsa Fullerton;
ervisor Greg Collier.

bon Cutting and eopening

ingo, Mississippi. Local officials, owners, ɔon cutting and grand reopening of the ex- ıck stop, deli, and cafe.

business has been very popular and we need- Ve are grateful for the great reception we have ɔmers deserve the best and we invite everyone d fast, friendly service."

lt said "we congratulate Moe and family on nded facility. Martyville has earned a great outdoor sports people."

atulated the Said family and reported "Mar- good food, a clean and neat store, and friendly

ay 25 at the intersection of Highway 30. The ıd us on Facebook.

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Sodium	N	2019*	2400	NR	ppb		250000 ppb	Likely source of contamination is road salt, water treatment chemicals, water softeners, and sewage effluents.
Disinfection By-Products								
HAA5 Haloacetic Acids	N	2020	6.0	NR	ppb		60ppb	By-Product of drinking water disinfection.
TTHM Trihalomethanes	N	2020	2.48	NR	ppb		80ppb	By-product of drinking water chlorination.
Chlorine	N	2020	Your Water 1.60	0.00 – 2.30 Mg/L	MG/L		MRDL 4.0MG/L	Water additive used to control microbes

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